

# Claims

- [c1] 1. A method for driving a current-driven Active Matrix Organic Light Emitting Diode (AMOLED) pixel, comprising:
- updating a current value of a current source of the AMOLED pixel;
  - turning on a charging path used by the current source to charge a capacitor of the AMOLED pixel;
  - in an initial stage of the turning on of the charging path used by the current source to charge the capacitor of the AMOLED pixel, providing a pre-charging signal to the current source to have the capacitor discharged; and
  - completing the charging of the capacitor, and cutting off the charging path used by the current source to charge the capacitor of the AMOLED pixel.
- [c2] 2. The method of claim 1, wherein the pre-charging signal makes the capacitor to discharge to a pre-determined potential value.